

## EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

LITERATUUR KOPIEEN

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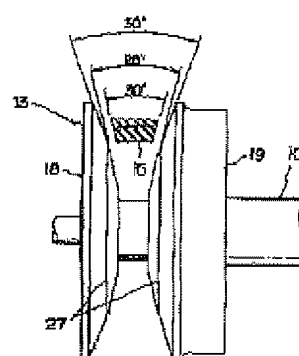
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APPLICANT : SUZUKI MOTOR CORP;

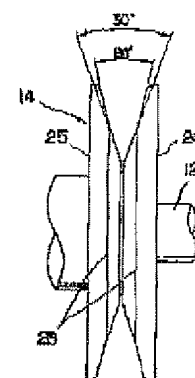
INVENTOR : HARA YOSHIHIRO;

INT.CL. : F16H 9/12 F16H 55/56

TITLE : V-BELT TYPE CONTINUOUSLY  
VARIABLE TRANSMISSION



(A)



(B)

ABSTRACT : PURPOSE: To prevent groaning sound issued from V-belt in low speed range, and deterioration of the V-belt by frictional heat in high speed range, and also to eliminate the necessity of especially heightening strength and rigidity of the peripheral portion of the V-belt.

CONSTITUTION: A stepless speed controlling apparatus of V-belt type has a construction wherein an angle for fastening the V-belt 15 on a driving pulley 13 is gradually changed so as to decrease from the outer circular portion to the inner one, and the V-belt fastening angle at the outer circular portion is brought close to the V-angle of the V-belt 15. While, the angle for fastening V-belt 15 of a driven pulley 14 is gradually changed so as to increase from the outer circular portion to the inner one, and the V-belt fastening angle of the inner circular portion is brought close to the V-angle of the V-belt 15. For example, the V-belt fastening angle at the outer circular portion of the driving pulley 13 and the same angle at the inner circular portion of the driven pulley 14 are set to be 30°, while the V-belt fastening angle at the inner circular portion of the driving pulley 13 and the same angle of the outer circular portion of the driving pulley 14 are set to be 28°. By the way, the V-angle of the V-belt 15 is 30°.

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